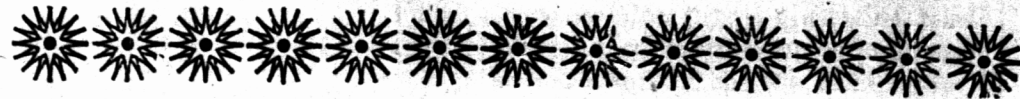


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Boys, we want you to bring your mothers to see our magnificent stock of Boys, Suits to fit Boys from 4 years to 100 years.

## IT PAYS WELL

So if you don't want to buy you can at least save your friends some money.

## Always Do a Good Turn.

The best turn you can do now, is to turn around Stamper's Corner and into Prowse Bros. Clothing Rooms. You won't have to buy, but you can look through, there are many works of art in our Children's Clothing. Prices away down to Low Water Mark.

# PROWSE BROS., The Wonderful Cheap Men.

### FIRST PRINCIPLES OF HORTICULTURE.

By G. J. McCormac.

PAPER 1.

Prince Edward Island has many advantages that adapt it for growing many kinds of fruits. It has a good deep soil, an even rainfall and a suitable climate. As plants move from the locality of their largest development towards the northern limit of their growth they become affected as follows: (1) Dwarfed; the form of the tree is modified and the leaf surface becomes lower down. (2) They become more fruitful. (3) The fruit becomes more highly colored. (4) The leaf surface is increased. (5) The composition changes somewhat. (6) The period of growth becomes shortened and the tree is enabled to develop at a lower temperature.

**THE TREE:**—The tree may be divided into four parts, the root, the stem, the branches, and the leaves.

(1) **THE ROOT:**—The collar is the name given to that part of the tree where the stem joins the roots and it is there that the grafting is done. The main root is called the tap-root, the central roots extend out all around. They feed and support the tree and store the food. From the central or lateral roots extend fibrous roots. On the fibrous roots are root hairs. At the ends of these roots are found root-caps. These caps enable the roots to penetrate the soil. The root of a tree closely resembles its branches.

(2) **THE STEM:**—The stem extends from the collar up. It consists of several layers, viz. (a) the bark on the outside. (b) Underneath the outer bark is the inner bark which is in contact with the wood and contains many fibers. (c) The first layer within the second bark is called the Cambrian layer. It is in this layer that the tree grows, and it can be easily seen in the end of a log, each ring indicating one year's growth. (d) The sapwood is within the Cambrian layer. (e) Inside the sapwood is the heartwood and (f) inside the heartwood is the pith.

**BRANCHES:**—Branches take various forms according to the nature of the tree. Along the branches are buds. Seeing a tree you can easily tell how much it grew each year by examining the branches as each year's growth ends with a bud. Besides these buds there are of course the fruit buds.

(4) **The leaves:**—The branch up to the leaf is called a petiole. The body of the leaf is composed of cellular tissue

called parenchyma. Covering the leaf is a tissue called epidermis. It is colorless. Chlorophyll is the green coloring matter of the leaf. The Stomach is the part of the leaf through which food enters from the air. The food taken up by the roots first passes up to the leaves.

#### HYDRATIZATION.

The art of producing new varieties from seed consists of taking the pollen of one variety of fruit and applying it to the stigma of another variety. The following are the precautions that must be taken in doing so. (1) Select the flowers before the pollen is ripe. (2) Cut away the stamens and leave only the stigma. (3) Apply the pollen of the variety you wish to cross. (4) Cover with a piece of fine gauze or muslin and keep it covered until the fruit is formed. The two plants should open about the same time. The constituents of the seed-bearing plant are apt to be transmitted to the progeny; therefore it should be healthy, hardy and productive. The form, color and qualities of the fruit will partake largely of the plant from which the pollen is taken. Thus by this process besides hardiness and productiveness of one variety may be combined the delicacy and texture of another. If this process be successful and seed formed, the seed is to be preserved until the next year and then sown. The plant produced is called a seedling. The term given to the process is Hydratization or Crossing. Hydratization can only be effected successfully between varieties of the same species.

#### THEORIES OF VAN MAUN.

(1) Nature's aim in the wild state is to raise a vigorous plant and perfect seeds for the production of its species. (2) Culture's aim is to enfeeble, or subdue the excess of vegetation; to lessen the coarseness of the tree; to diminish the size of the seed, and to increase the quality and quantity of the pulp. (3) There is a tendency in plants to revert to the wild state. (4) The seeds of young fruit trees of good sort, being in a state of improvement, have the least tendency to revert to the wild state and are the most likely to produce improved sorts. (5) There is a certain limit to perfection in fruits. When this is reached the next generation will most likely produce worse fruit than if raised from seed of inferior quality, but in a state of improvement. (6) Avoid the seeds of old fruit trees and those of grafted fruit trees. (7) Good results are more likely to be gained by gathering seeds from a young seedling tree.

### PRINCE EDWARD ISLAND

And Its Attractions to Tourists.

Prince Edward Island's summer climate is delightful, and the scenery is beautiful and quietly picturesque. Surrounded by the Gulf of St. Lawrence, it enjoys all the coolness of the sea breeze, and the advantages that can only be derived from sea bathing, at about 65 degrees.

Charlottetown has over 12,000 inhabitants, and is the capital. It has many great retail stores, besides a large wholesale trade. It has a Gas Light and Power Company, two Electric Light plants, and a street railway in embryo. It has a first class water works and sewerage system. It is famed for its wide and shaded streets, its many pleasant drives, the principal of which is the new Park Boulevard, its attractive surroundings, pure water, and clear, cool and bracing air. It is widely known as one of the healthiest cities in Canada. It has two hospitals, many churches and a large and elegant new Opera House. It also has several fine public buildings and a market which is one of the chief sources of the citizens' pride. It has one of the largest and best equipped pork-packing establishments in the Dominion. On its west side is Victoria Park—a favorite summer resort—while on the east are the magnificent new Exhibition Buildings and Driving Park. Chief among its public squares is Queen Square in the centre of the city, beautifully laid out with blooming plants of every description, fountains, and well arranged walks, and enlivened with a band of music during the summer evenings. The rural scenery in the vicinity of Charlottetown is charming, and horses for driving are abundant at very low prices. Boats can also be hired, and

steamers run regularly on the bays and rivers, affording most pleasant excursions. The principal hotels are Davies, Queen, and Revere.

Summerside has about 4000 inhabitants. It is situated on beautiful Bedeque Bay. It has the largest and finest departmental store in the Maritime Provinces, besides having other large retail stores. It has an Electric Light Plant, and a water works system and sewerage are being agitated for. The hotels are—Clifton, Russ, and Campbell.

Georgetown and Souris have a population of about 1,000 each. In the former are the Aitken, and Tapper hotels and in Souris the Sea View.

At Cape Traverse, a very pleasant summer resort, is the Lansdowne hotel. In Alberton, the Albion Terrace and Wisner. In Tignish the Railway; in Kensington, Clark's and Commercial; in Montague, McDonald, and in Mount Stewart, Clark's and Manson.

The following hotels open for the summer season: At Hampton, Pleasant View; at Stanhope, Mutch's; and Cliff. At Brackley Point, Shaw's; at Rustico, Seaside; at Marguque, North Shore; at Tracadie Beach, Acadia; at Alberton, Seaforth, and at Pownal, Florida.

In addition to those already mentioned there are other towns and villages in the Province with hotel accommodation, while many farm houses prepare for the reception of tourists. The rivers and streams teem with trout, the bays with mackerel, while game of almost every description abounds.

N. B.—Visitors to Prince Edward Island, who desire full information regarding hotels and boarding houses, trains, boats, livery stables, etc., and how to reach the different seaside and country resorts, fishing places, etc., can obtain the same by writing to or calling on Messrs. Johnson & Johnson, Druggists, Prowse Block, Charlottetown, where all information will be cheerfully given free of charge.

Any person willing to accommodate, either in the town or country, should avail themselves of the opportunity and write at once.

#### BUSINESS LOCALS.

#### Carters' seeds grow STEARNS IS BEST.

SEE THE CHAINLESS. THERE is a right place for everything and the right place to buy boots is at J. H. Bell's, the cheapest boot store in the city. 18th

If your dealer has ever tried them himself, he will certainly recommend Magnetic Dyes for home use.

ANOTHER shipment of pretty bandana handkerchiefs received direct from London. See them, they are the correct thing.—JAS. PATON & Co. may 31 3i

WHITE Canvas Shoes for Ladies and Men. Also Men's Canvas Boots at R. K. Jos's.—11.

COME and see our stock of plants before purchasing elsewhere. Choice Geraniums \$1 per doz., smaller at 50c. All kinds bedding annuals 20c per doz, bordering at 40c per hundred, Dahlias 3 to 9c each, Auriculas and Polyanthus (Perennials) at 35c per doz, Daisies 25c per doz in bloom. All kinds of house plants selling cheap at Ridgway's Nursery, Upper Prince Street.—John Williams, Proprietor.—Upstairs in Market on Market days.—2 w.

#### DIVIDEND NOTICE!

MERCHANTS BANK OF P. E. I. Charlottetown, June 1st, 1899 Notice is hereby given, that a half-yearly dividend at the rate of 8 per cent per annum, on the capital stock of the bank has been declared payable at its banking house on and after July 3rd next. The Transfer books will be closed from the 19th June to the 3rd of July next, both days inclusive. By order of board. J. M. Davison. Cashier. June 1st, 1899 eod &w 4w.

WANTED—Five young men to have who would not object to spending part of the time at overseas. References: BRADLEY GARRISON CO., Limited, Bradford 01

### Hughes SPECIAL REMEDIES

**HUGHES' COUGH MIXTURE** For Coughs, Colds, Bronchitis, Hoarseness, and all Pulmonary affections. Price 25 cents.

**HUGHES' CREOSOTE MIXTURE** an elegant preparation for Chronic Bronchitis and Lung Disease. Price 35 cents.

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Special Remedies prepared for DYSPPEPSIA, INDIGESTION, CONSTIPATION, etc., etc.

For the Best English Drugs and Medicines

### PATRONIZE HUGHES THE PEOPLES DRUGGIST.

At the Apothecaries Hall, Charlottetown, Summerside

### PICKFORD AND BLACK LINE S. S. City of Ghent

Halifax and Charlottetown, S. S. City of Ghent will sail from Charlottetown every Friday at 10 o'clock during the season of 1899 for Halifax, calling at Summerside, Port Hastings, Port Hawkesbury, Arichal, Canso, Isaac Harbor, Salmon River, Sheet Harbor, returning will leave Halifax every Tuesday at 6 p. m. making some calls. The Steamer has excellent passenger accommodations. Saloon amidship. Special low freights will be given this season. Further information apply to W. W. CLARKE, Agent

Charlottetown, May 27. If Ex. & Pat.

### PLANT LINE TO BOSTON

Commencing May 16th the favorite S. S. "HALIFAX"

Will leave Charlottetown for BOSTON every Tuesday at Noon (Standard time) calling at Hawkesbury and Halifax.

Returning leaves BOSTON every Saturday at noon.

Passengers leaving CHARLOTTETOWN Wednesday morning via Pictou can make close connection at Halifax with S. S. "HALIFAX" sailing Wednesday evening at 11 p. m.

Tickets for sale at stations P. E. I. Railway. For Tickets, rates and all information apply to W. W. CLARKE, Agent, Charlottetown.

Or to H. L. CHIPMAN, Canadian Agent, Halifax, N. S. 3 d & w

### DR. CLIFT'S SALISBURY TREATMENT

CHRONIC DISEASES RUPTURE CURED

CHRONIC DISEASES and RUPTURE CURED by DR. CLIFT. Diploma registered in United States and Canada. Send Stamps for information or call at TRURO Nova Scotia, in Merchants Bank Building at PICTOU, Revere Hotel, every Wednesday ALBANY GLASGOW, N. S. Windsor Hotel 77y Friday.

### EXTENSION WINDOW SCREENS

18 inches high adjusts 20 to 33 inches 30c each

18 " " " 24 to 40 35c "

24 " " " 24 to 46 " 38c "

### Nicely Made of Hardwood and Oiled SCREEN DOORS.

All Sizes 90c each

Screen Wire all sizes very cheap.

### Dodd & Rogers.

550 Pairs

### Ladies' Oxford Shoes.

We made a big purchase of five hundred and fifty pairs ladies' shoes nice quality worth 85c. Our prices will be 68 cents.

### 120 Pairs

Another line of one hundred and twenty pairs of ladies' Theo Tie Shoes with pretty rosette, very stylish, for 75 cents.

Our new line of ladies' fine Dongola with patent facing and tip is a regular \$1.75 quality, our price \$1.25, this is a wonder. Come and see

### J. B. MacDonald & Co. LEADERS IN LOW PRICES.

### BARGAINS! BARGAINS!

You will always get Bargains at W. P. Colwill's in

### CROCKERY.

You always get what you want and it always is the best value. We are offering special discounts in toilet sets this week, it will pay you to drop in and see our new printed bed room sets which are very cheap.

To anyone who is thinking about house keeping this is the place to get fitted out in every line in Crockery, China or Glass ware either for Kitchen, Dining Room or Bed Room, everything from an egg cup up.

We have some very beautifully decorated jet black tea pots. These goods are excellent value, it will pay you to drop in and see them.

No trouble to show goods, Come one, come all, and if you what you want ask for it.

### W. P. COLWILL, The Crockery Ware Man.

Wholesale and Retail.



It is undoubtedly a fact that our grandmothers, the pioneer women of the country, led more laborious lives than the housewives of to-day. In spite of this fact, they bore their husbands' heavy burdens healthily and robust sons and daughters, and did not become weak, complaining invalids as a consequence. There are probably several reasons for this. One is, that they lived more in the open air, and another, and probably the most influential of all, is that they were less prudish than the women of to-day. They were not ashamed to know something of their own physical make-up. They were not too nice to take care of their health in a womanly way. Women now-a-days suffer untold tortures in silence, because of weakness and disease of the distinctly feminine organism, rather than consult a physician, or even talk to the subject of their own husbands. They imagine that troubles of this description can only be cured by undergoing the disgusting examinations and local treatment insisted upon by the average modern physician. Dr. Pierce's Favorite Prescription cures all diseases peculiar to women in the privacy of their own homes. It does away with the necessity for examinations and local treatment. It acts directly on the important organs concerned, making them strong, healthy and vigorous. It fits for wifehood and the burdens of household duties. It kills inflammation, heals ulceration and soothes pain. It tones and builds up the nerves. It banishes the discomforts of the time of expectancy and makes baby's advent easy and almost painless. Thousands have testified to its merits.

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